

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

P. 1 of 3

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO. TASK NO.	JOB ORDER NUMBER	APPROV. BY
QSS Group, Inc.	NAS5- 99124 TASK NO. 245 AMENDMENT	480-615-31-22-89	00

TASK TITLE: (NTE 80 characters; include Project name)

POES Communication Engineering Services

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)	DATE	ORG CODE	MAIL CODE	PHONE
Willis S. Jenkins, Jr. <i>[Signature]</i>	3/21/00	565	480	301-286-4294
BRANCH HEAD	DATE	CODE	PHONE	
Karen Halterman <i>[Signature]</i>	3/21/00	480	301-286-8633	
CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)	DATE	CODE	PHONE	
Robert S. Lebair, Jr. <i>[Signature]</i>	3/31/00	560	301-286-6588	

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE (IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)	CONTRACTING OFFICER'S QUALITY REP.	DESIGNATED FAM:
<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.	(To be completed by Contracting Officer) C.O. Requested Quote on: Date:
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Contractor will develop specification or statement of work under this task for a future procurement. <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
Flight hardware will be shipped to GSFC for testing prior to final delivery. <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	
Government Furnished Property/Facilities:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES - SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)
Onsite Performance:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES If yes: <input type="checkbox"/> TOTAL <input type="checkbox"/> PARTIAL If partial, indicate onsite work in SOW by asterisk (*)
Surveillance Plan Attached:	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES
Highlighted Contract Clauses:	(to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be 5/1/00.

INCENTIVE FEE STRUCTURE (check one)
(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	<input checked="" type="checkbox"/> No. 1	<input type="checkbox"/> No. 2	<input type="checkbox"/> No. 3	<input type="checkbox"/> No. 4	<input type="checkbox"/> No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 174,413.

The target fee of this task order is \$ 11,337.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 185,750.

The maximum fee is \$ 16,569.

The minimum fee is \$0.

AUTHORIZED SIGNATURE	ELIZABETH J. AUSTIN CONTRACTING OFFICER
THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"	
<i>[Signature]</i>	5/31/00
SIGNATURE OF CONTRACTING OFFICER	DATE
CONTRACTOR'S ACCEPTANCE:	
AUTHORIZED SIGNATURE	DATE

REQUEST FOR TASK PLAN / TASK ORDER

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QSS Group, Inc.	NAS5- 99124	245	

Applicable paragraphs from contract Statement of Work: Function 2B, Systems Engineering

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

(This is a follow-on to Task 38 under this contract; uninterrupted transition is required.)

The contractor shall provide experienced systems engineering services to perform communication system engineering tasks for the NOAA-15, L, M, N, and N' satellites to ensure that all components and systems meet their intended design and performance specifications and are sufficient to ensure mission success. The contractor shall provide the following services for satellite and AGE development, interface specification and evaluation, and launch vehicle accommodation:

1. Provide engineering expertise as the Communication engineer for the POES Communication subsystem reviewing and monitoring the prime contractor's efforts to assure that the satellite meets the POES Project and mission requirements.
2. Maintain cognizance of the prime contractor's activities for the design, design modifications, analysis, procurement, development, fabrication, test, troubleshooting and integration of the spacecraft and its subsystem components as it relates to the communication subsystem.
3. Identify technical, cost and schedule problem areas to the POES Observatory Manager with supporting rationale and recommended solutions or analysis.
4. Identify and perform independent studies and analysis.
5. Participate in relevant technical meetings and reviews.

(continued)

PERFORMANCE SPECIFICATIONS:

Weekly Status Report to include: problems/issues with the spacecraft and recommended resolutions.
Examples of deliverables and requirements contained in the SOW will be provided to the contractor.

APPLICABLE DOCUMENTS:

Performance Specification for the NOAA-K,L,M,N&N-prime Satellites: GSFC-S-480-25.1
Performance Assurance Requirements for the NOAA-K,L,M,N,N-prime Satellites: GSFC-S-480-26.1
Performance Specifications for the NOAA-KLMNN' spacecraft subsystems

TASK END DATE: 4/30/01

MILESTONES/DELIVERABLES AND DATES:

Status Reports: Weekly
Summary Reports: Two weeks after each major project prime contractor (LMMS) review (PDR, CDR, PER, SDR and PSR).
Trip report: Two weeks after completion of the trip
SEPET Summary Evaluation: Two weeks after completion of the SEPET.
Technical evaluation and recommendation: As required.
Argos CDR -- 4/24-26/00
Launch Site RF Communication checks and evaluations -- 4/00*
NOAA-L Link Check -- 6/00*
Support NOAA-L Launch -- 7/28-8/16/00*
SEPET Evaluation of NOAA-N -- 11/00*
Evaluate open RF Communication subsystem paper work on NOAA-M, n, N' and make closeout recommendation -- as required

*Represent current schedule; dates subject to change depending on spacecraft I&T schedule.

PERFORMANCE STANDARDS:

Schedule: On-time delivery of the above
Technical: Acceptance of completed test reports and/or analysis

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Willis S. Jenkins, Jr., building 6, room W208

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STATEMENT OF WORK: (Continued)

6. Provide input to the POES Observatory Manager on prime contractor data deliverables for contractual and technical content.
7. Participate in spacecraft integration and testing, pre-mission operations activities, launch, on-orbit spacecraft checkout and orbital anomaly meetings and investigations.
8. Provide services for closure of recommendation for action items from Code 300 reviews.
9. Participate in requirements flowdown activities.
10. Perform an independent assessment of the progress and status accounting of the prime contractor's production of hardware and software and all supporting documentation and document in written reports. This task includes that appropriate engineering, quality and manufacturing resources are allocated to support the POES mission, schedule and contractual requirements.
11. Facilitate the analysis and evaluation of the hardware and test failures and make recommendations to the TRB.